Monitoring Data Record

Project Title: R-2214A COE Action ID: 200330312							
Stream Name: Mud Creek Tributary (Site 3) DWQ Number: 011715							
City, County and other Location Information: Intersection of US 25 and Industrial Park Rd. in							
Hendersonville, NC							
Date Construction Completed: March 2005 Monitoring Year: (2) of 5							
Ecoregion: 8 digit HUC unit: 06010105							
USGS Quad Name and Coordinates:							
Rosgen Classification: Length of Project: 464' Urban or Rural: Rural Watershed Size:							
Monitoring DATA collected by: M. Green and J. Young Date: 2/27/07							
Applicant Information:							
Name: NCDOT Roadside Environmental Unit							
Address: 1425 Rock Quarry Rd. Raleigh, NC 27610							
Telephone Number: (919) 861-3772 Email address: mlgreen@dot.state.nc.us							
Consultant Information:							
Name:Address:							
Address:							
Telephone Number: Email address:							
Project Status: Complete							
Monitoring Level required by COE and DWQ (404 permit/ 401 Cert.): Level (1)2 3							
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	lan sheet indicating reference photos.
Identif	specific problem areas (missing, stressed, damaged or dead plantings):
Estima	1 1/ 1 1/ 1 1/ 1 1/ 1
	ed causes, and proposed/required remedial action:
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	FIONAL COMMENTS: Vegetation is dormant at this time. Bareroot seedlings noted on the

If required to complete Level 1 and Level 2 monitoring <u>only</u> stop here; otherwise, complete section 3.

Section 3. CHANNEL STABILITY

Visual Inspection: The entire stream project as well as each in-stream structure and bank stabilization/revetment structure must be evaluated and problems addressed.

Report on the visual inspection of channel stability. <u>Physical measurements of channel stability/morphology will not be required.</u> Include a discussion of any deviations from as-built and an evaluation of the significance of these deviations and whether they are indicative of a stabilizing or destabilizing situation.

The Mud Creek Tributary is stabilized for the Year 2 Winter evaluation. Some minor bank erosion was noted on the left bank (Photo 7 – Upstream). The lower portion of the stream that was reconstructed to have a better tie-in with the existing channel has been replanted. NCDOT will continue to monitor this stream relocation.

Date	Station	Station	Station	Station	Station
Inspected	Number	Number	Number	Number	Number
Structure					
Type					
Is water					
piping					
through or					
around					
structure?					
Head cut or					
down cut					
present?					
Bank or scour					
erosion					
present?					
Other					
problems					
noted?					

NOTE: Attach separate narrative sheets to each monitoring report describing/discussing the overall monitoring results. Include the identification of specific problem areas/channel failures, estimated cause and proposed/required remedial action. This should include a brief discussion of any parameter that has changed significantly from asbuilt.

Mud Creek Tributary



Photo 1 (Upstream)



Photo 2 (Downstream)



Photo3 (Upstream)



Photo 4 (Downstream)



Photo 5 (Upstream)



Photo 6 (Downstream)

Mud Creek Tributary



Photo 7 (Upstream)



Photo 8 (Downstream)

Year 2 – February 2007